

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the patent application of:

HADA et al.

Serial No.: 09/453,518

Filed: December 3, 1999



Group Art Unit: 1744

Examiner: Olsen, K.

Title: GAS CONCENTRATION MEASURING APPARATUS DESIGNED TO MINIMIZE ERROR COMPONENT CONTAINED IN OUTPUT

\* \* \* \* \*

May 8, 2001

AMENDMENT

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed November 8, 2001, please amend the application identified above as follows:

IN THE CLAIMS:

Please cancel claims 2 and 4 without prejudice or disclaimer.

Please amend claims 1, 3, 5-9, and 11-13 as follows:

- A1
1. (Amended) A gas concentration measuring apparatus comprising :  
a gas concentration sensor having a sensor element outputting a signal as a function of concentration of at least one of NO<sub>x</sub>, HC, and CO;  
a microcomputer disposed within a connector configured to connect the microcomputer to an external device; and

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